

# TLF-120812

## 153.6Wh

### Battery PACK



- ✓ Longer Usage Life
- ✓ High Power Capacity
- ✓ High Energy Density
- ✓ Environment Friendly
- ✓ Light Weight

## Pack Specification

Model: TLF-120812

| Item                             |             | Specification                | Remarks           |
|----------------------------------|-------------|------------------------------|-------------------|
| Electrical                       |             |                              |                   |
| Module Configuration             |             | 4S 2P                        | -                 |
| Installed Energy                 |             | 153.6 Wh                     | -                 |
| Usable Energy                    |             | 138.2 Wh                     | @ 1P discharge    |
| Nominal Voltage                  |             | 12.8 VDC                     | -                 |
| Operating Voltage Range          |             | 11 ~ 14.6 VDC                | -                 |
| Max. Charge Current              |             | 6 A                          | @ 0.5C            |
| Rated Charge Current             |             | 2.5 A                        | @ 0.2C            |
| Max. Discharge Current           |             | 30A                          | -                 |
| Rated Discharge Power            |             | 153.6 W                      | -                 |
| Rated Discharge Current          |             | 12A                          | -                 |
| Mechanical                       |             |                              |                   |
| Dimension                        |             | 150 (L) x 85 (B) x 90 (H) mm | ±5 mm             |
| Housing Material                 |             | MS Casing                    |                   |
| Weight                           |             | 1.5 Kg                       | ±5%               |
| IP Grade                         |             | NA                           | -                 |
| Cell                             |             | 32650-3.2V-6000mAh           | -                 |
| Charge /Discharge Terminal       |             | F2 fastron male              | -                 |
| Environment                      |             |                              |                   |
| Operating Temperature            | Charging    | 0 ~ 45°C                     | -                 |
|                                  | Discharging | 20 ~ 55°C                    |                   |
| Storage Humidity                 |             | <60±25% RH                   | Non-condensing    |
| Storage Temperature              | 1 Year      | -20 ~ 25°C                   | SOC 50±5%         |
|                                  | 6 Months    | 25 ~ 35°C                    |                   |
|                                  | 3 Months    | 35 ~ 45°C                    |                   |
|                                  | <1 Week     | 45 ~ 60°C                    |                   |
| Expected Cycle & Calendar Life** |             |                              |                   |
| Cycle Life @ DoD 90%             |             | ≥2,000 cycles                | @ 25±3°C, 0.2C/1C |

**\*\*Depending on the load profile, the warranty condition may differ\*\***

**We reserve the right to change the content of specification without prior notice.**